

# Oracle Database SQL Certified Associate (1Z0-071)

This Oracle Database SQL Certified Associate (1Z0-071) training covers how to use the fundamental SQL necessary to work with an Oracle Database server. This Oracle training is actually a SQL course that anyone can use to learn the SQL flavor called Oracle SQL. Follow along in the Oracle virtual labs to learn Oracle's flavor of the popular query language SQL.

[CBT Nuggets course material](#) →

## WEEK 1

### Oracle Database 12c: SQL Fundamentals (1Z0-071) 51 min. Overview

1Z0-071: What You Need to Know	1
Who Should Take 1Z0-071 Training?	1
1Z0-071 Learning Resources	1

### Oracle Database 12c: SQL Fundamentals (1Z0-071): Relational DBs, Oracle, and SQL

Relational DBs, Oracle, and SQL: What is a Relational Database?	1
Relational DBs, Oracle, and SQL: Tables, Views, and Queries	1
Relational DBs, Oracle, and SQL: Modeling Data With Entity Relationship Diagrams (ERD)	1
Relational DBs, Oracle, and SQL: Normalizing Databases (3NF)	1
Relational DBs, Oracle, and SQL: What is Structured Query Language (SQL)?	1
Relational DBs, Oracle, and SQL: ANSI SQL, Oracle SQL, and SQL*Plus	1
Relational DBs, Oracle, and SQL: DDL, DML, and TCL	1
Relational DBs, Oracle, and SQL: Installing Oracle Database 12c	1
Relational DBs, Oracle, and SQL: Your First SQL Statement	1

### Oracle Database 12c: SQL Fundamentals (1Z0-071): Data Definition Language (DDL)

Data Definition Language (DDL): Oracle Database Structure and Schema	1
Data Definition Language (DDL): Unique Names and Namespaces	4
Data Definition Language (DDL): Creating a Table with DDL	7

Data Definition Language (DDL): Data Types for Fields	1
Data Definition Language (DDL): Creating a Constraint on a Table	1
Data Definition Language (DDL): Types of Constraints	7
Data Definition Language (DDL): Dropping Columns	6
Data Definition Language (DDL): External Tables	6
Data Definition Language (DDL): Lab	19

### **Oracle Database 12c: SQL Fundamentals (1Z0-071): Data Manipulation Language (DML)**

Data Manipulation Language (DML): Inserting Data into a Table	1
Data Manipulation Language (DML): Updating Data in a Table	4
Data Manipulation Language (DML): Selecting Data From a Table	5
Data Manipulation Language (DML): Deleting Data From a Table	4
Data Manipulation Language (DML): Truncating Data From a Table	4
Data Manipulation Language (DML): Managing Transactions with TCL	6
Data Manipulation Language (DML): Lab	5

### **Oracle Database 12c: SQL Fundamentals (1Z0-071): Restricting and Sorting Query Results**

Restricting and Sorting Query Results: Using the ORDER BY Clause	1
Restricting and Sorting Query Results: Sorting on Expressions and Aliases	5
Restricting and Sorting Query Results: Filtering with WHERE	1
Restricting and Sorting Query Results: Wildcard Comparisons Using LIKE	1

Restricting and Sorting Query Results: Boolean Logic in the WHERE Clause	1
Restricting and Sorting Query Results: IN, BETWEEN, and IS	1
Restricting and Sorting Query Results: Limiting Results with FETCH	1
Restricting and Sorting Query Results: Ampersand Substitution	1
Restricting and Sorting Query Results: Prompt, Accept, and Define	1
Restricting and Sorting Query Results: Lab	5

### **Oracle Database 12c: SQL Fundamentals (1Z0-071): Single-Row and Conversion Functions**

Single-Row and Conversion Functions: Single-Row Functions	1
Single-Row and Conversion Functions: Character Functions	1
Single-Row and Conversion Functions: Numeric Functions	1
Single-Row and Conversion Functions: Date Functions	1
Single-Row and Conversion Functions: Analytical Functions	1
Single-Row and Conversion Functions: Partition, Lag, and Lead	1
Single-Row and Conversion Functions: Conversion Functions	1
Single-Row and Conversion Functions: General Functions	1
Single-Row and Conversion Functions: Lab	5

### **Oracle Database 12c: SQL Fundamentals (1Z0-071): Retrieving Data from Multiple Tables**

Retrieving Data from Multiple Tables: Types of Joins	1
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Retrieving Data from Multiple Tables: Inner Joins	1
Retrieving Data from Multiple Tables: Outer Joins	1
Retrieving Data from Multiple Tables: Alternative Join Types	1

**Oracle Database 12c: SQL Fundamentals (1Z0-071): Subqueries**

Subqueries: Introduction	1
Subqueries : Correlated Subqueries	4
Subqueries: EXISTS, NOT EXISTS, and WITH	1
Subqueries: Single-Row and Multi-Row Subqueries	1
Subqueries: Lab	5

**Oracle Database 12c: SQL Fundamentals (1Z0-071): Aggregating Data**

Aggregating Data: Aggregate Functions	1
Aggregating Data: Grouping with GROUP BY	1
Aggregating Data: HAVING	1
Aggregating Data: Set Operators	1
Aggregating Data: Set Output Order	1
Aggregating Data: Lab	5

**Oracle Database 12c: SQL Fundamentals (1Z0-071): Advanced Schema Operations**

Advanced Schema Operations: Objects	1
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Advanced Schema Operations: Creating and Maintaining Indexes	1
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**WEEK 2**

**4 min.**

Advanced Schema Operations: Creating Views	1
Advanced Schema Operations: Creating and Using Sequences	1